

## **Appendix F: Stationary Nonpoint Source Daily Ozone Precursor Calculation**

Season adjustment factors were found for the following source categories:

2420000000- Dry Cleaning/ All Processes

2425000000- Graphic Arts/ All Processes

2461021000- Solvent Utilization/ Cutback Asphalt

2461850000- Solvent Utilization/ Pesticide Application

### **Ascension Parish**

#### **2420000000**

16.56 ton/year (1yr/ 52 weeks) (1wk/ 5 days) = **.06** tons/day

#### **2425000000**

Seasonal Activity Factor (ACF) = (1.0) (5 days per week) (52 weeks per year) = **260** days per year

1.0 = uniform distribution

11.92 tons/year (1 year/ 260 days) = **.05** tons/day

#### **2461021000**

4.36 tons/year (1 week/ 5 days) (1 year/ 52 weeks) = **.02** tons/day

#### **2461850000**

1.55 tons/year (1.3) (1year/ 52 weeks) (1 week/ 6 days) = **.01** tons/day

1.3- seasonal adjustment factor

### **East Baton Rouge Parish**

#### **2420000000**

195.12 ton/year (1yr/ 52 weeks) (1wk/ 5 days) = **.75** tons/day

**2425000000**

Seasonal Activity Factor (ACF) = (1.0) (5 days per week) (52 weeks per year) **260** days per year  
1.0 = uniform distribution

75.85 tons/year (1 year/ 260 days) = **.29** tons/day

**2461021000**

27.39 tons/year (1 week/ 5 days) (1 year/ 52 weeks) = **.11** tons/day

**2461850000**

.06 tons/year (1.3) (1year/ 52 weeks) (1 week/ 6 days) = **.00** tons/day

1.3- seasonal adjustment factor

### **Iberville Parish**

**2420000000**

5.04 ton/year (1yr/ 52 weeks) (1wk/ 5 days) = **.02** tons/day

**2425000000**

Seasonal Activity Factor (ACF) = (1.0) (5 days per week) (52 weeks per year) 260 days per year

1.0 = uniform distribution

5.73 tons/year (1 year/ 260 days) = **.02** tons/day

**2461021000**

2.10 tons/year (1 week/ 5 days) (1 year/ 52 weeks) = **.01** tons/day

**2461850000**

1.11 tons/year (1.3) (1year/ 52 weeks) (1 week/ 6 days) = **.00** tons/day

1.3- seasonal adjustment factor

## Livingston Parish

**2420000000**

11.16 ton/year (1yr/ 52 weeks) (1wk/ 5 days) = **.04** tons/day

**2425000000**

Seasonal Activity Factor (ACF) = (1.0) (5 days per week) (52 weeks per year) **260** days per year

1.0 = uniform distribution

14.08 tons/year (1 year/ 260 days) = **.05** tons/day

**2461021000**

4.01 tons/year (1 week/ 5 days) (1 year/ 52 weeks) = **.02** tons/day

**2461850000**

0 tons/year (1.3) (1year/ 52 weeks) (1 week/ 6 days) = **.00** tons/day

1.3- seasonal adjustment factor

## West Baton Rouge Parish

**2420000000**

2.16 ton/year (1yr/ 52 weeks) (1wk/ 5 days) = **.01** tons/day

**2425000000**

Seasonal Activity Factor (ACF) = (1.0) (5 days per week) (52 weeks per year)= **260** days per year

1.0 = uniform distribution

3.59 tons/year (1 year/ 260 days) = **.01** tons/day

**2461021000**

1.31 tons/year (1 week/ 5 days) (1 year/ 52 weeks) = **.01** tons/day

**2461850000**

0.8 tons/year (1.3) (1year/ 52 weeks) (1 week/ 6 days) = **.00** tons/day

1.3- seasonal adjustment factor